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U.S. Department of the Interior • U.S. Geological Survey

# MINERAL INDUSTRY SURVEYS

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## GYPSUM IN OCTOBER 1997

Producers mined 1,740,000 metric tons of gypsum in October 1997. This was 14% more than in October 1996. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 820,000 tons, 46% more than in October 1996.

Output of calcined gypsum was 1,550,000 tons. This was slightly lower than in October 1996. Sales of board products were 2.4 billion square feet (221 million square meters), which was 3% more than in October 1996.

Import and export data for the month of October 1997 were not available at the time of publication. Imports of crude gypsum in September 1997 were 618,000 tons, 7% more than in September 1996. Gypsum wallboard imports, principally from Canada, for the month of September were 71,500 tons, equivalent to 82.2 million square feet (7.6 million square meters). Wallboard exports to 36 countries and territories in September were 6,500 tons, equivalent to 7.5 million square feet (693,000 square meters).

TABLE 1  
GYPSUM SUPPLY 1/ 2/

(Metric tons)

	October 1997	September 1997	10 months 1997	10 months 1996
Crude:				
Mined 3/	1,740,000	1,660,000	15,300,000	14,400,000
Imported 4/	NA	618,000	NA	6,730,000
Exported 4/	NA	8,810	NA	108,000
Byproduct gypsum	166,000	206,000	1,640,000	1,230,000
Total supply	NA	2,480,000	NA	20,000,000
Calcined:				
Produced	1,550,000	1,500,000	14,600,000	14,800,000
Imported 5/	NA	711	NA	9,490
Exported 5/	NA	29,300	NA	119,000
Total supply	NA	1,470,000	NA	14,700,000

NA Not available.

1/ Includes data from the Gypsum Association.

2/ Data are rounded to three significant digits; may not add to totals shown.

3/ Some data were estimated from quarterly reports.

4/ Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

5/ Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2  
GYPSUM SOLD OR USED BY PRODUCERS, BY USE 1/ 2/

(Metric tons unless otherwise specified)

	October 1997	September 1997	10 months 1997	10 months 1996
Uncalcined: 3/				
Portland cement	582,000	480,000	4,210,000	3,340,000
Agriculture and misc.	239,000	232,000 r/	2,020,000	1,640,000
Total supply	820,000	712,000 r/	6,240,000	4,980,000
Calcined:				
Board products 4/	2,070,000	1,930,000 r/	18,600,000	19,200,000
Plaster	W	W	W	W
Total supply	W	W	W	W
Board products: (Thousand sq. feet) 5/				
Regular board	1,340,000	1,270,000 r/	12,200,000	12,100,000
Type X board	714,000	655,000 r/	6,290,000	5,780,000
Other	332,000	302,000 r/	2,910,000	2,860,000
Total	2,380,000	2,220,000 r/	21,400,000	20,800,000

r/Revised. W Withheld to avoid disclosing company proprietary data.

1/ Includes data from the Gypsum Association.

2/ Data are rounded to three significant digits; may not add to totals shown.

3/ Some data were estimated from quarterly reports.

4/ Includes weight of paper and other materials.

5/ One square meter equals 10.78 square feet.

TABLE 3  
CRUDE GYPSUM IMPORTED FOR CONSUMPTION 1/

(Metric tons)

Country of origin	September 1997	August 1997	9 months 1997	9 months 1996
Australia	14	--	23,400	2,470
Bahamas, The	--	--	--	163,000
Canada	449,000	524,000	4,440,000	3,970,000
China	--	--	1	--
Dominican Republic	75	770	2,600	286
Hong Kong	--	--	5	1
Ireland	--	--	1	--
Italy	--	--	116	2
Japan	1	--	402	17
Mexico	137,000	151,000	1,390,000	1,430,000
Philippines	23	--	23	--
Spain	32,100	25,500	404,000	360,000
United Kingdom	34	23	294	480
Total	618,000	702,000	6,260,000	5,930,000

1/ Data are rounded to three significant digits; may not add to totals shown.

Source: Bureau of the Census.

TABLE 4  
CRUDE GYPSUM IN THE UNITED STATES 1/ 2/

(Thousand metric tons)

Period	Consumption 3/	Production 4/	Imports 5/	Exports 5/
1996:				
October	2,310	1,530	794	13
November	2,030	1,360	680	10
December	2,040	1,410	645	18
Total	25,100	17,200	8,050	149
1997:				
January	2,270	1,430	855	18
February	1,960	1,360	625	21
March	2,180	1,470	736	12
April	1,950	1,440	531	13
May	2,250	1,510	744	7
June	2,330	1,490	851	8
July	2,130	1,560	601	27
August	2,330	1,650	702	26
September	2,270	1,660	618	8
October	NA	1,740	NA	NA

NA Not available.

1/ Excludes byproduct gypsum.

2/ Data are rounded to three significant digits; may not add to totals shown.

3/ Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

4/ Production data is from the quarterly gypsum canvasses of the non-wallboard producers, annual canvasses of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

5/ Data from Bureau of the Census.

TABLE 5  
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS 1/ 2/

(Thousand square feet) 3/

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
October 1997:											
Lath	2	33	50	2	45	--	--	39	155	--	326
Veneer base	20,600	2,770	6,790	1,360	8,930	11	57	392	1,590	38	42,600
Sheathing	1,200	3,160	4,170	3,990	9,570	2,900	10,500	4,620	4,720	474	45,300
Regular gypsum board	38,600	126,000	188,000	90,800	342,000	103,000	153,000	126,000	149,000	18,300	1,340,000
Type X gypsum board	20,900	72,400	109,000	55,600	124,000	31,600	83,700	84,500	128,000	4,130	714,000
Predecorated board	390	1,110	1,270	558	1,630	456	1,170	279	781	33	7,670
5/16 Mobile home board	39	1,170	24,400	197	52,100	41,100	28,800	4,430	4,260	9	156,000
Water/moisture resistant board	3,110	12,000	9,280	4,130	17,600	4,250	8,300	8,540	10,900	1,330	79,400
Total	84,800	219,000	342,000	157,000	556,000	184,000	286,000	229,000	300,000	24,300	2,380,000
January through October 1997:											
Lath	91	697	474	17	732	16	2	195	1,890	75	4,190
Veneer base	189,000	24,900	69,400	12,000	92,700	287	820	3,230	14,200	705	407,000
Sheathing	8,660	25,500	31,800	30,100	73,400	32,900	93,000	37,400	39,100	4,020	376,000
Regular gypsum board	337,000	1,160,000	1,750,000	805,000	3,080,000	962,000	1,410,000	1,170,000	1,360,000	165,000	12,200,000
Type X gypsum board	204,000	651,000	973,000	495,000	1,030,000	292,000	709,000	741,000	1,150,000	37,600	6,290,000
Predecorated board	3,580	9,280	11,900	6,320	15,900	4,050	12,700	3,560	6,020	382	73,600
5/16 Mobile home board	195	5,640	204,000	1,770	453,000	344,000	244,000	36,400	37,900	4,770	1,330,000
Water/moisture resistant board	29,100	113,000	91,800	39,400	152,000	35,600	71,500	75,600	99,300	14,700	722,000
Total	772,000	1,990,000	3,140,000	1,390,000	4,900,000	1,670,000	2,540,000	2,070,000	2,710,000	228,000	21,400,000

1/ Data are rounded to three significant digits; may not add to totals shown.

2/ Sales region equivalent to Bureau of the Census Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT) Middle Atlantic (PA, NJ, NY); East North Central (IL, IN, OH, MI, WI) ; West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

3/ One square meter equals 10.78 square feet.

Source: The Gypsum Association.